

## **STIC Biotechnology Systems Branch**

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Application Serial Number: 09/938,114A  
Source: 1Fw16  
Date Processed by STIC: 3/12/07

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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Revised 01/10/06



IFW16

## RAW SEQUENCE LISTING

DATE: 03/12/2007

PATENT APPLICATION: US/09/938,114A

TIME: 16:16:01

Input Set : A:\US01 corrected sequence listing 02\_08\_07.txt

Output Set: N:\CRF4\03122007\I938114A.raw

3 &lt;110&gt; APPLICANT: Wang, Chun

4 Xy Li, Benjamin

5 Cheng, Xin

6 Liu, Jing

7 Niu, Li-Wen

8 Huang, Wan-Zhi

9 Xu, Zhen-Yu

10 Luo, Dan

11 Kang, Lian-Di

12 Ding, Jin-Guo

13 Rong, Fang

14 Liu, Yan

15 Chen, Hui-Ran

Does Not Comply  
Corrector Diskette Needed

17 <120> TITLE OF INVENTION: Antithrombosis enzyme from the snake venom of Agkistrodon  
acutus

19 &lt;130&gt; FILE REFERENCE: 54567.8001.US01

21 &lt;140&gt; CURRENT APPLICATION NUMBER: 09/938,114A

22 &lt;141&gt; CURRENT FILING DATE: 2001-08-23

24 &lt;150&gt; PRIOR APPLICATION NUMBER: US 60/043,886

25 &lt;151&gt; PRIOR FILING DATE: 1997-04-10

27 &lt;150&gt; PRIOR APPLICATION NUMBER: US 09/058,740

28 &lt;151&gt; PRIOR FILING DATE: 1998-04-10

E--&gt; 30 &lt;160&gt; NUMBER OF SEQ ID NOS: 13 12 shown (p.2)

32 &lt;170&gt; SOFTWARE: PatentIn version 3.3

ERRORED SEQUENCES

09/938,114A 2

<400> 12 *last sequence in submitted file*

|   |     |
|---|-----|
| cc atg ggg cga ttc atc ttc gtg agc ttc ggc ttg ctg gtc gtg ttc  | 47  |
| Met Gly Arg Phe Ile Phe Val Ser Phe Gly Leu Leu Val Val Phe     |     |
| 1 5 10 15   |     |
| ctc tcc ctg agt gga act gca gct gat tgt ccc tct gag tgg tcc tcc | 95  |
| Leu Ser Leu Ser Gly Thr Ala Ala Asp Cys Pro Ser Glu Trp Ser Ser |     |
| 20 25 30  |     |
| tat gaa ggg cat tgc tac aag ccc ttc gat gaa cct aag acc tgg gca | 143 |
| Tyr Glu Gly His Cys Tyr Lys Pro Phe Asp Glu Pro Lys Thr Trp Ala |     |
| 35 40 45  |     |
| gat gca gag aaa ttc tgc aca caa caa cac aaa ggc agc cat ctg cct | 191 |
| Asp Ala Glu Lys Phe Cys Thr Gln Gln His Lys Gly Ser His Leu Pro |     |
| 50 55 60  |     |
| ctc aca gca gtg aga gcg att gtg tnn nnn nnn nnt ggt cac gtt gac | 239 |
| Leu Thr Ala Val Arg Ala Ile Val Xaa Xaa Xaa Xaa Gly His Val Asp |     |
| 65 70 75  |     |
| cac acc aag ttg aaa ctg att agt ctg att gga ctg aag aac atc tgg | 287 |
| His Thr Lys Leu Lys Leu Ile Ser Leu Ile Gly Leu Lys Asn Ile Trp |     |
| 80 85 90 95   |     |
| aac gga tgc tac tgg aag tgg agc gat ggc acc aag ctc gac tac aaa | 335 |
| Asn Gly Cys Tyr Trp Lys Trp Ser Asp Gly Thr Lys Leu Asp Tyr Lys |     |
| 100 105 110   |     |
| gac tgg cgt gaa caa ttt gaa tgt ctc gta tcc agg aca gtt aat aac | 383 |
| Asp Trp Arg Glu Gln Phe Glu Cys Leu Val Ser Arg Thr Val Asn Asn |     |
| 115 120 125   |     |
| gaa tgg cta agt atg gac tgc ggc act act tgc tct ttc gtc tgc aag | 431 |
| Glu Trp Leu Ser Met Asp Cys Gly Thr Thr Cys Ser Phe Val Cys Lys |     |
| 130 135 140   |     |
| ttc cag gca tagtctgaag acta                                     | 454 |
| Phe Gln Ala   |     |
| 145   |     |

**VERIFICATION SUMMARY**

DATE: 03/12/2007

PATENT APPLICATION: US/09/938,114A

TIME: 16:16:02

Input Set : A:\US01 corrected sequence listing 02\_08\_07.txt

Output Set: N:\CRF4\03122007\I938114A.raw

L:252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:191

M:341 Repeated in SeqNo=12

L:30 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (13) Counted (12)